

LITTLE ARKANSAS RIVER NEAR SEDGWICK, KS (07144100)

**STATISTICAL SUMMARY FOR FIELD PARAMETERS, MAJOR AND TRACE ELEMENTS, NUTRIENTS, BACTERIA, SEDIMENT, AND RADIONUCLIDE
DATA COLLECTED FROM FEB 1995 TO NOV 2010**

WATER-QUALITY CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
	SAMPLE SIZE				(MEDIAN)				5%
		MAXIMUM	MINIMUM	MEAN	95%	75%	50%	25%	
00061 Discharge, instant. cfs	344	15500	5	1270	6500	1370	155	46.9	15
00065 Gage height ft	276	24.1	2.43	6.91	19	9.08	4.7	3.55	2.9
00010 Temperature, water deg C	276	32	-0.2	16.9	26.8	23.6	18.4	10.5	2.74
00020 Temperature, air deg C	233	37	-2	19	34	26.5	20	11.3	1.35
00025 Air pressure mm/Hg	243	742	710	726	734	730	727	723	717
00300 Dissolved oxygen mg/l	271	18.7	3.58	8.63	14.2	10.5	8	6.31	4.76
00400 pH std units	278	8.66	6.02	7.62	8.3	7.99	7.67	7.27	6.77
00403 pH, wu,lab std units	208	9.08	5.53	7.82	8.35	8.11	7.87	7.54	7.19
00095 Specific cond at 25C uS/cm @25C	279	1350	54	600	1160	855	642	270	133
90095 SpecCond,wu25degCLab uS/cm @25C	211	1400	54	585	1160	865	579	254	133
63001 Redox potential, raw mV	2	285	108	--	--	--	--	--	--
63002 Redox potential, SHE mV	1	300	--	--	--	--	--	--	--
63675 Turbidity, Nephelom NTU	208	1100	1.44	212	749	303	114	24.7	4.55
63676 Turbidity, NephRatio NTRU	121	1500	2.72	214	925	282	108	24.1	3.7
99872 Turbidity,Hach2100,l NTU	19	590	--	124.980*	*590.000	*230.000	*68.000	*7.000	*0.624
63680 Turbidity, Form Neph FNU	186	2100	3.6	292	1190	425	136	43.9	6.34
00076 Turbidity NTU	8	450	20	233	450	336	245	107	20
00901 Carbonate hardness, wu mg/l CaCO ₃	209	419	16	190	372	293	181	80.1	40.1
00900 Hardness, water mg/l CaCO ₃	219	418	16	194	372	294	189	80.8	41.1
00915 Calcium, wf mg/l	219	128	4.74	59.4	114	91	58.4	24.7	12.3
00916 Calcium, wu,recov mg/l	9	105	27.7	70	105	95.1	66.1	55.4	27.7
00925 Magnesium, wf mg/l	219	23.9	1.01	11	21.2	16.4	11	4.8	2.38
00927 Magnesium, wu,recov mg/l	9	18.3	5.56	13.2	18.3	17.3	13	11.3	5.56
00935 Potassium, wf mg/l	219	14.5	3.89	7.24	9.97	8.16	7.2	6.31	4.66
00937 Potassium, wu,recov mg/l	9	12.5	5.67	8.82	12.5	11.4	8.16	6.24	5.67
00930 Sodium, wf mg/l	219	132	1.5	46.3	106	71.7	42.8	16	5.39
00929 Sodium, wu,recov mg/l	9	124	17.6	59.6	124	88.6	52.8	35.3	17.6
00419 ANC, wu, inflection pt,field mg/l CaCO ₃	16	241	30.6	121	241	186	115	48.6	30.6
00416 ANC, wu, inflection point,lab mg/l CaCO ₃	9	260	70	169	260	220	160	140	70
39087 Alkalinity, wf,inflect pt,lab mg/l CaCO ₃	217	302	18	153	278	243	145	65	38.4
29806 HCO ₃ , wf, inflection pt, lab mg/l	217	368	22	186	339	296	177	80	47.4
00450 Bicarbonate,wu,inflect pt,fld mg/l	16	294	37.3	146	294	227	141	59.3	37.3
00449 Bicarbonate,wu,inflect pt,lab mg/l	9	317	85	206	317	268	195	170	85
29809 CO ₃ , wf, inflection pt, lab mg/l	217	12	0	0.621	6.2	0	0	0	0
00447 Carbonate, wu, inflect pt,fld mg/l	16	8	0	0.5	8	0	0	0	0
00446 Carbonate, wu, inflect pt,lab mg/l	9	14	0	1.56	14	0	0	0	0
00940 Chloride, wf mg/l	223	305	5	72.4	189	107	59.9	25	7.06
00950 Fluoride, wf mg/l	145	0.82	0.11	0.279	0.45	0.34	0.27	0.2	0.133

00951	Fluoride, wu mg/l	5	0.83	0.2	--	--	--	--	--	--
00955	Silica, wf mg/l	142	21.5	3.05	13.1	19.4	15.7	13.1	10.4	7.45
00956	Silica, wu mg/l	5	46.4	3.82	--	--	--	--	--	--
00945	Sulfate, wf mg/l	219	211	5	36.8	72	57	35.8	14.2	5
00946	Sulfate, wu mg/l	9	60	16	41.7	60	54.6	43	34	16
00500	ROE at 105C, wu mg/l	90	2220	180	710	1560	807	592	481	315
70300	Residue, ROE@180C,wf mg/l	213	759	50	354	672	513	348	168	93.4
70301	Residue, wf, sum mg/l	219	889	--	340.961*	*656.700	*503.000	*339.700	*150.300	*74.364
00530	Residue,total nonflt mg/l	203	1820	4	263	829	363	127	46	4.56
00623	Ammonia + organic-N, wf mg/l as N	2	0.971	0.415	--	--	--	--	--	--
00625	NH3+orgN, wu mg/l as N	116	5.86	0.382	1.83	4.05	2.37	1.8	0.91	0.489
00608	Ammonia, wf mg/l as N	211	0.86	--	0.118*	*0.370	*0.160	*0.080	*0.040	*0.014
00610	Ammonia, wu mg/l as N	5	0.142	0.031	--	--	--	--	--	--
00678	Hydrolyzable phosphorus, wu mg/l as P	5	0.63	0.37	--	--	--	--	--	--
00618	Nitrate, wf mg/l as N	144	9.36	0.01	1.26	2.58	1.5	1.12	0.723	0.162
00620	Nitrate, wu mg/l as N	5	1.26	0.64	--	--	--	--	--	--
00631	NO3+NO2, wf mg/l as N	211	9.42	0.01	1.23	2.6	1.56	1.11	0.7	0.092
00630	NO3+NO2, wu mg/l as N	5	1.36	0.67	--	--	--	--	--	--
00613	Nitrite, wf mg/l as N	145	1.46	--	0.064*	*0.117	*0.060	*0.040	*0.014	*0.005
00615	Nitrite, wu mg/l as N	5	0.1	0.01	--	--	--	--	--	--
00671	Orthophosphate, wf mg/l as P	145	1.55	0.037	0.355	0.574	0.43	0.33	0.26	0.163
00666	Phosphorus, wf mg/l	211	2	0.03	0.38	0.598	0.44	0.36	0.28	0.185
00665	Phosphorus, wu mg/l	121	2.11	0.074	0.772	1.49	0.901	0.693	0.54	0.346
00681	Organic carbon, wf mg/l	33	14	4.18	9.18	13.3	11.1	9.28	7.84	4.32
00680	Organic carbon, wu mg/l	123	49.6	0.589	13.5	26.5	18.6	13.8	7.1	4.02
90915	Clostridium perfring cfu/100ml	19	590	--	124.980*	*590.000	*230.000	*68.000	*7.000	*0.624
90903	Coliphage,E coli,C13 pfu/100ml	19	7600	40	2280	7600	3800	1300	672	40
90904	Coliphage,E coli,FAM pfu/100ml	19	590	--	124.980*	*590.000	*230.000	*68.000	*7.000	*0.624
90909	Enterococci, mEI,w cfu/100ml	19	590	--	124.980*	*590.000	*230.000	*68.000	*7.000	*0.624
90902	E. coli, modif m-TEC cfu/100ml	105	46000	3	4720	24900	5190	1300	144	10.2
31648	Escherichia coli, m-TEC MF cfu/100ml	45	23000	21	1610	12700	767	144	80	29.4
31625	Fecal coliform, M-FC MF, 0.7u cfu/100ml	336	*****	1	16600	25400	4230	725	125	18.6
31673	Fecal strep, KF strep MF cfu/100ml	2	7400	2570	--	--	--	--	--	--
31504	Total coliform, LES Endo,imm cfu/100ml	190	*****	--	56926.648*	*54000.000	*10750.000	*1700.000	*277.500	*16.220
01106	Aluminum, wf ug/l	85	1030	--	132.948*	*871.400	*30.571	*7.566	*1.335	*0.107
01104	Aluminum, wu,recov ug/l	5	9120	1090	--	--	--	--	--	--
01095	Antimony, wf ug/l	84	0.545	--	0.345*	*0.488	*0.391	*0.338	*0.292	*0.242
01097	Antimony, wu ug/l	5	--	--	--	--	--	--	--	--
01000	Arsenic, wf ug/l	141	14.1	1	5.19	11.5	6.83	4.4	3.05	1.96
01002	Arsenic, wu ug/l	5	--	--	--	--	--	--	--	--
01005	Barium, wf ug/l	85	270	43.8	117	215	165	99	74	54
01007	Barium, wu,recov ug/l	5	276	203	--	--	--	--	--	--
01010	Beryllium, wf ug/l	85	--	--	--	--	--	--	--	--
01012	Beryllium, wu,recov ug/l	5	--	--	--	--	--	--	--	--
01020	Boron, wf ug/l	86	204	--	54.704*	*136.650	*69.450	*43.000	*32.100	*17.280
01022	Boron, wu,recov ug/l	5	1220	876	--	--	--	--	--	--
71870	Bromide, wf mg/l	143	0.98	--	0.196*	*0.500	*0.280	*0.150	*0.070	*0.023
71871	Bromine, wu mg/l	5	0.513	0.158	--	--	--	--	--	--

01025	Cadmium, wf ug/l	85	24	--	0.598*	*0.405	*0.095	*0.029	*0.014	*0.002
01027	Cadmium, wu ug/l	5	--	--	--	--	--	--	--	--
01030	Chromium, wf ug/l	85	--	--	--	--	--	--	--	--
01034	Chromium, wu,recov ug/l	5	--	--	--	--	--	--	--	--
01035	Cobalt, wf ug/l	1	1.21	--	--	--	--	--	--	--
01040	Copper, wf ug/l	85	7	--	2.281*	*5.000	*2.824	*1.994	*1.452	*0.884
01042	Copper, wu,rec ug/l	5	--	--	--	--	--	--	--	--
00723	Cyanide, wf mg/l	82	--	--	*****	--	--	--	--	--
00720	Cyanide, wu mg/l	5	--	--	--	--	--	--	--	--
01046	Iron, wf ug/l	219	621	--	58.805*	*460.000	*30.900	*16.000	*5.119	*0.968
01045	Iron, wu,rec ug/l	9	6080	--	2181.769*	*6080.000	*5010.000	*592.000	*10.700	*0.722
01049	Lead, wf ug/l	85	3.44	--	0.307*	*0.869	*0.364	*0.213	*0.112	*0.046
01051	Lead, wu,recov ug/l	5	5.73	1.13	--	--	--	--	--	--
01056	Manganese, wf ug/l	218	740	--	95.441*	*400.500	*148.250	*29.450	*6.523	*1.037
01055	Manganese, wu,recov ug/l	9	602	--	215.228*	*602.000	*435.000	*195.000	*5.737	*2.178
71890	Mercury, wf ug/l	82	0.452	--	0.047*	*0.109	*0.062	*0.031	*0.018	*0.008
71901	Mercury, wu, rec ug/l	5	--	--	--	--	--	--	--	--
01060	Molybdenum, wf ug/l	1	5.59	--	--	--	--	--	--	--
01065	Nickel, wf ug/l	85	6.69	--	2.881*	*4.752	*3.395	*2.980	*2.275	*1.226
01067	Nickel, wu,recov ug/l	5	8.23	2.02	--	--	--	--	--	--
01145	Selenium, wf ug/l	83	2.58	--	0.776*	*1.839	*1.010	*0.647	*0.414	*0.208
01147	Selenium, wu ug/l	5	--	--	--	--	--	--	--	--
01075	Silver, wf ug/l	85	28.2	--	2.606*	*11.240	*2.737	*1.129	*0.464	*0.131
01077	Silver, wu,recov ug/l	5	--	--	--	--	--	--	--	--
01080	Strontium, wf ug/l	84	1280	52	333	809	511	204	126	58.8
01082	Strontium, wu,recov ug/l	5	767	383	--	--	--	--	--	--
01057	Thallium, wf ug/l	83	42	--	1.140*	*1.544	*0.170	*0.046	*0.016	*0.002
01059	Thallium, wu ug/l	5	--	--	--	--	--	--	--	--
01085	Vanadium, wf ug/l	84	26.4	--	8.148*	*13.463	*9.560	*7.752	*6.000	*4.145
01087	Vanadium, wu ug/l	5	--	--	--	--	--	--	--	--
01090	Zinc, wf ug/l	85	22	--	3.840*	*15.490	*4.571	*2.230	*1.121	*0.418
01092	Zinc, wu,rec ug/l	5	--	--	--	--	--	--	--	--
75986	Alpha 2scu, wf,U-nat ug/l	4	7.19	2.4	--	--	--	--	--	--
75987	Alpha 2scu, wf,Th230 pCi/L	6	5.48	1.43	2.53	5.48	3.39	1.96	1.61	1.43
04126	Alpha activity, wf, Th-230 pCi/L	6	--	--	--	--	--	--	--	--
75989	Beta 2scu, wf,Cs137 pCi/L	6	7.6	1.09	3.77	7.6	5.72	3.28	2	1.09
75988	Beta 2scu, wf,Sr/Y90 pCi/L	4	4.39	1.73	--	--	--	--	--	--
99337	Gross alpha 2X CL,wf pCi/L	19	590	--	124.980*	*590.000	*230.000	*68.000	*7.000	*0.624
80030	Gross alpha,wf,U-nat ug/l	4	--	--	--	--	--	--	--	--
99323	Gross beta MDC,wf pCi/L	19	590	--	124.980*	*590.000	*230.000	*68.000	*7.000	*0.624
03515	Gross beta, wf,Cs-137 pCi/L	6	17	7.03	10.9	17	12.5	10.4	8.96	7.03
80050	Gross beta,wf,Sr/Y90 pCi/L	4	10	6.7	--	--	--	--	--	--
22703	Uranium, wf ug/l	1	3.68	--	--	--	--	--	--	--
70331	Suspnd sed <63u, sd %	131	100	9	92.7	100	99	97.6	92.4	67.4
80154	Suspnd sedmnt conc mg/l	132	1970	4	373	1190	557	258	55.5	10
80155	Suspnd sedmnt disch tons/day	125	25700	0.448	3010	15400	3820	211	9.74	0.764

* - VALUE IS ESTIMATED BY USING A LOG-PROBABILITY REGRESSION TO PREDICT THE VALUES OF DATA BELOW THE DETECTION LIMIT

STATISTICAL SUMMARY OF ARSENIC SPECIATION DATA COLLECTED FROM MAR 1995 TO NOV 2010

WATER-QUALITY CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
	SAMPLE SIZE				(MEDIAN)				5%
		MAXIMUM	MINIMUM	MEAN	95%	75%	50%	25%	
62453 Arsenate, wf ug/L as As	24	12.5	1.1	2.89	10.6	3.33	2.37	1.84	1.13
62452 Arsenite, wf ug/L as As	24	0.8	--	0.446*	*0.798	*0.535	*0.421	*0.330	*0.241
62455 Dimethylarsinate, wf ug/L as As	24	1.95	--	0.461*	*1.757	*0.782	*0.273	*0.128	*0.043
62454 Monomethylarsonate, wf ug/L as As	24	1.95	--	0.461*	*1.757	*0.782	*0.273	*0.128	*0.043

* - VALUE IS ESTIMATED BY USING A LOG-PROBABILITY REGRESSION TO PREDICT THE VALUES OF DATA BELOW THE DETECTION LIMIT

STATISTICAL SUMMARY OF TRIAZINE HERBICIDE SCREEN DATA COLLECTED FROM FEB 1995 TO DEC 2010

WATER-QUALITY CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
	SAMPLE SIZE				(MEDIAN)				5%
		MAXIMUM	MINIMUM	MEAN	95%	75%	50%	25%	
00065 Gage height ft	2680	24.1	2.28	5.1	11.3	5.19	4.15	3.59	2.9
00061 Discharge, instant. cfs	2910	15500	2.1	538	2800	294	95	48	16
00095 Specific cond at 25C uS/cm @25C	2230	1760	40	646	1120	838	655	422	211
34756 Triazines, ELISA, wf ugAtrazn/L	2920	41	0.09	3.86	15.1	4.25	1.99	0.77	0.14
34757 Triazines, ELISA, wu ugAtrazn/L	2920	41	0.09	3.86	15.1	4.25	1.99	0.77	0.14

* - VALUE IS ESTIMATED BY USING A LOG-PROBABILITY REGRESSION TO PREDICT THE VALUES OF DATA BELOW THE DETECTION LIMIT

STATISTICAL SUMMARY OF COMMONLY USED PESTICIDES AND THEIR DEGRADATES DATA COLLECTED FROM MAR 1995 TO JUL 2010

WATER-QUALITY CONSTITUENT	DESCRIPTIVE STATISTICS					PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN							
	SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50%	(MEDIAN)					
								25%	5%				
SAMPLES ANALYZED BY THE ORGANIC GEOCHEMISTRY RESEARCH LABORATORY													
TRIAZINE HERBICIDES ANALYZED BY GC/MS													
04040 CIAT, wf	380	2.93	0.025	0.567	1.75	0.78	0.4	0.183	0.05				
04038 CEAT, wf	377	1.71	--	0.298*	*0.980	*0.400	*0.200	*0.080	*0.032				
62676 OIAT, w, gf<.7u	12	0.62	--	0.211*	*0.620	*0.393	*0.155	*0.045	*0.016				
50355 OIET, wf	12	0.35	0.06	0.164	0.35	0.257	0.145	0.082	0.06				
62678 OEAT, w, gf<.7u	12	--	--	--	--	--	--	--	--				
49260 Acetochlor, wf	385	1	--	0.029*	*0.104	*0.020	*0.006	*0.002	*0.000				
46342 Alachlor, wf	385	6.6	--	0.416*	*1.695	*0.435	*0.120	*0.037	*0.007				
38401 Ametryn, wf	365	--	--	*****	--	--	--	--	--				
82184 Ametryn, wu	20	0.08	--	0.019*	*0.080	*0.020	*0.009	*0.004	*0.001				
39632 Atrazine, wf	346	48	0.05	5.62	21.8	7.33	3.27	1.02	0.18				
04039 CAAT, wf	12	0.2	--	0.073*	*0.200	*0.153	*0.040	*0.017	*0.007				
61745 Cyanazine acid, wf	12	--	--	--	--	--	--	--	--				
61709 Cyanazine amide, wf	360	--	--	*****	--	--	--	--	--				
04041 Cyanazine, wf	377	2.07	--	0.029*	*0.131	*0.012	*0.002	*0.001	*0.000				
81757 Cyanazine, wu	20	0.08	--	0.019*	*0.080	*0.020	*0.009	*0.004	*0.001				
61750 Deethyl cyanazine acid	12	--	--	--	--	--	--	--	--				
61751 Deethyl cyanazine amide, wf	12	--	--	--	--	--	--	--	--				
61749 Deethyl cyanazine, wf	12	--	--	--	--	--	--	--	--				
61755 DMFM, wf	12	--	--	--	--	--	--	--	--				
61588 Dimethenamid, wf	173	7.65	--	0.514*	*2.315	*0.615	*0.120	*0.031	*0.006				
50374 Diuron, wf	12	--	--	--	--	--	--	--	--				
62481 Flufenacet, wf	173	--	--	--	--	--	--	--	--				
38811 Fluometuron, w, gf<.7u	12	--	--	--	--	--	--	--	--				
38478 Linuron, w, gf<.7u	12	--	--	--	--	--	--	--	--				
39415 Metolachlor, wf	385	16.5	--	2.437*	*8.042	*3.600	*1.340	*0.475	*0.059				
82612 Metolachlor, wu	20	0.08	--	0.019*	*0.080	*0.020	*0.009	*0.004	*0.001				
82630 Metribuzin, wf	20	0.08	--	0.019*	*0.080	*0.020	*0.009	*0.004	*0.001				
82611 Metribuzin, wu	20	0.08	--	0.019*	*0.080	*0.020	*0.009	*0.004	*0.001				
82683 Pendimethalin, gf.7u	20	0.08	--	0.019*	*0.080	*0.020	*0.009	*0.004	*0.001				
04037 Prometon, wf	380	0.8	--	0.030*	*0.100	*0.035	*0.018	*0.009	*0.003				
04036 Prometryn, wf	366	--	--	--	--	--	--	--	--				
04024 Propachlor, wf	378	1.13	--	0.016*	*0.060	*0.004	*0.001	*0.000	*0.000				
38535 Propazine, wf	377	5.22	--	0.074*	*0.200	*0.080	*0.032	*0.014	*0.004				
04035 Simazine, wf	380	1.67	--	0.029*	*0.100	*0.029	*0.012	*0.005	*0.002				
38888 Terbutryn, wf	364	--	--	--	--	--	--	--	--				
ACETANILIDE ACIDS													
61029 Acetochlor ESA, w, gf<.7u ug/l	22	0.32	--	0.039*	*0.284	*0.060	*0.015	*0.006	*0.002				

61030	Acetochlor OA, w,gf<.7u ug/l	22	0.32	--	0.063*	*0.307	*0.082	*0.030	*0.010	*0.003
50009	Alachlor ESA, w,gf<.7u ug/l	22	0.58	0.03	0.098	0.537	0.087	0.055	0.03	0.03
61031	Alachlor OA, w,gf<.7u ug/l	22	0.61	0.02	0.094	0.57	0.102	0.04	0.02	0.02
61951	Dimethenamid ESA, wf ug/l	22	0.15	--	0.032*	*0.138	*0.040	*0.024	*0.014	*0.007
62482	Dimethenamid OA, wf ug/l	22	0.08	--	0.024*	*0.077	*0.035	*0.016	*0.009	*0.004
61952	Flufenacet ESA, wf ug/l	22	--	--	--	--	--	--	--	--
62483	Flufenacet OA, wf ug/l	22	--	--	--	--	--	--	--	--
61043	Metolachlor ESA, w,gf<.7u ug/l	22	0.79	0.06	0.283	0.768	0.475	0.19	0.127	0.061
61044	Metolachlor OA, w,gf<.7u ug/l	22	1.12	--	0.248*	*1.042	*0.375	*0.155	*0.065	*0.019
62766	Propachlor ESA, w,gf<.7u ug/l	21	--	--	--	--	--	--	--	--

GLYPHOSATE AND METABOLITES

62649	AMPA, w,gf<0.7u ug/l	4	0.54	0.27	--	--	--	--	--	--
62721	Glufosinate, w,gf<.7u ug/l	4	--	--	--	--	--	--	--	--
62722	Glyphosate, w,gf<.7u ug/l	4	--	--	--	--	--	--	--	--

SAMPLES ANALYZED BY THE NATIONAL WATER QUALITY LABORATORY

49295	1-Naphthol, w,gf<.7u ug/l	35	--	--	--	--	--	--	--	--
77441	1-Naphthol, wu ug/l	5	--	--	--	--	--	--	--	--
39742	2,4,5-T, wf ug/l	8	--	--	--	--	--	--	--	--
39740	2,4,5-T, wu ug/l	5	--	--	--	--	--	--	--	--
39732	2,4-D, wf ug/l	8	--	--	--	--	--	--	--	--
39730	2,4-D, wu ug/l	5	--	--	--	--	--	--	--	--
38746	2,4-DB, w,gf<.7u ug/l	8	--	--	--	--	--	--	--	--
82660	26Diethylaniline, gf ug/l	71	--	--	--	--	--	--	--	--
61615	EthMePhAminoPropanol ug/l	4	--	--	--	--	--	--	--	--
61618	2Chloro2'6'diethylacetanilide ug/l	28	0.03	--	0.008*	*0.029	*0.010	*0.005	*0.003	*0.001
04040	CIAT, wf ug/l	71	1.37	0.008	0.337	0.882	0.612	0.201	0.078	0.01
75981	CIAT, wu ug/l	5	--	--	--	--	--	--	--	--
75980	CEAT, wu ug/l	5	--	--	--	--	--	--	--	--
61620	2-Ethyl-6-methylaniline, wf ug/l	28	--	--	--	--	--	--	--	--
49299	DNOC, w,gf<.7u ug/l	8	--	--	--	--	--	--	--	--
61625	3,4-Dichloroaniline, wf ug/l	28	0.48	--	0.039*	*0.409	*0.018	*0.009	*0.003	*0.001
49308	3-Hydroxy carbofuran, w,gf<.7 ug/l	8	--	--	--	--	--	--	--	--
61633	4-Chloro-2-methylphenol, wf ug/l	28	--	--	--	--	--	--	--	--
62847	Acetochlor SAA, wf ug/l	1	--	--	--	--	--	--	--	--
49260	Acetochlor, wf ug/l	71	0.969	--	0.103*	*0.784	*0.054	*0.006	*0.001	*0.000
49315	Acifluorfen, w,gf<.7u ug/l	8	--	--	--	--	--	--	--	--
62848	Alachlor SAA, wf ug/l	1	--	--	--	--	--	--	--	--
46342	Alachlor, wf ug/l	71	12.7	--	0.658*	*4.292	*0.424	*0.084	*0.019	*0.002
77825	Alachlor, wu ug/l	5	--	--	--	--	--	--	--	--
49313	Aldicarb sulfone, w,gf<.7 ug/l	8	--	--	--	--	--	--	--	--
49314	Aldicarb sulfoxide, w,gf.7 ug/l	8	--	--	--	--	--	--	--	--
49312	Aldicarb, w,gf<.7u ug/l	8	--	--	--	--	--	--	--	--
82619	Aldicarb, wu ug/l	5	--	--	--	--	--	--	--	--
34253	alpha-HCH, wf ug/l	43	--	--	--	--	--	--	--	--
99995	a-HCH-d6, sur2003,wf %	28	155	95.7	118	149	130	118	106	95.9
39632	Atrazine, wf ug/l	71	27.7	0.04	6.28	22.9	7.88	3.7	1.18	0.118

ORGANOPHOSPHATES AND ORGANOCHLORIDE PESTICIDES + GROSS PCBs

39380	Dieldrin, wu ug/l	3	--	--	--	--	--	--	--	--	--
39011	Disulfoton, wu ug/l	3	--	--	--	--	--	--	--	--	--
39390	Endrin, wu ug/l	3	--	--	--	--	--	--	--	--	--
39398	Ethion, wu ug/l	3	--	--	--	--	--	--	--	--	--
82614	Fonofos, wu ug/l	3	--	--	--	--	--	--	--	--	--
39420	Heptachlor epoxide, wu ug/l	3	--	--	--	--	--	--	--	--	--
39410	Heptachlor, wu ug/l	3	--	--	--	--	--	--	--	--	--
39340	Lindane, wu ug/l	3	--	--	--	--	--	--	--	--	--
39530	Malathion, wu ug/l	3	--	--	--	--	--	--	--	--	--
39600	Methyl parathion, wu ug/l	3	--	--	--	--	--	--	--	--	--
39755	Mirex, wu ug/l	3	--	--	--	--	--	--	--	--	--
39360	p,p'-DDD, wu ug/l	3	--	--	--	--	--	--	--	--	--
39365	p,p'-DDE, wu ug/l	3	--	--	--	--	--	--	--	--	--
39370	p,p'-DDT, wu ug/l	3	--	--	--	--	--	--	--	--	--
39034	p,p'-Ethyl-DDD, wu ug/l	3	--	--	--	--	--	--	--	--	--
39480	p,p'-Methoxychlor,wu ug/l	3	--	--	--	--	--	--	--	--	--
39540	Parathion, wu ug/l	3	--	--	--	--	--	--	--	--	--
39516	PCBs, wu ug/l	3	--	--	--	--	--	--	--	--	--
39023	Phorate, wu ug/l	3	--	--	--	--	--	--	--	--	--
39250	PCNs, wu ug/l	3	--	--	--	--	--	--	--	--	--
39400	Toxaphene, wu ug/l	3	--	--	--	--	--	--	--	--	--
39040	Tribuphos, wu ug/l	3	--	--	--	--	--	--	--	--	--

* - VALUE IS ESTIMATED BY USING A LOG-PROBABILITY REGRESSION TO PREDICT THE VALUES OF DATA BELOW THE DETECTION LIMIT

STATISTICAL SUMMARY OF ANTIBIOTIC DATA COLLECTED FROM MAY 2002 TO JUN 2002

WATER-QUALITY CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
	SAMPLE SIZE				(MEDIAN)				5%
		MAXIMUM	MINIMUM	MEAN	95%	75%	50%	25%	
62650 Anhydrochlortetracycline, gf.7 ug/l	3	--	--	--	--	--	--	--	--
62651 Anhydrotetracycline, w, gf<0.7u ug/l	3	--	--	--	--	--	--	--	--
62658 Carbadox, w, gf<.7u ug/l	3	--	--	--	--	--	--	--	--
61744 Chlorotetracycline, wf ug/l	3	--	--	--	--	--	--	--	--
62680 Demeclocycline, w, gf<.7u ug/l	3	--	--	--	--	--	--	--	--
62694 Doxycycline, w, gf<.7u ug/l	3	--	--	--	--	--	--	--	--
62717 Flumequine, w, gf<.7u ug/l	3	--	--	--	--	--	--	--	--
62751 Minocycline, w, gf<.7u ug/l	3	--	--	--	--	--	--	--	--
62757 Norfloxacin, w, gf<.7u ug/l	3	--	--	--	--	--	--	--	--
62759 Oxolinic acid, w, gf<.7u ug/l	3	--	--	--	--	--	--	--	--
61759 Oxytetracycline, wf ug/l	3	--	--	--	--	--	--	--	--
62771 Sarafloxacin, w, gf<.7u ug/l	3	--	--	--	--	--	--	--	--
62774 Sulfachlorpyridazine, gf<0.7u ug/l	3	--	--	--	--	--	--	--	--
62776 Sulfadimethoxine, w, gf<0.7u ug/l	3	--	--	--	--	--	--	--	--
62777 Sulfamerazine, w, gf<.7u ug/l	3	--	--	--	--	--	--	--	--
61762 Sulfamethazine, wf ug/l	3	--	--	--	--	--	--	--	--
62021 Sulfamethoxazole, wf ug/l	3	--	--	--	--	--	--	--	--
62778 Sulfathiazole, w, gf<.7u ug/l	3	--	--	--	--	--	--	--	--
62781 Tetracycline, w, gf<.7u ug/l	3	--	--	--	--	--	--	--	--

* - VALUE IS ESTIMATED BY USING A LOG-PROBABILITY REGRESSION TO PREDICT THE VALUES OF DATA BELOW THE DETECTION LIMIT

STATISTICAL SUMMARY OF VOLATILE ORGANIC COMPOUNDS DATA COLLECTED FROM MAR 1995 TO JUL 2010

32105	Dibromochloromethane, wu ug/l	19	--	--	--	--	--	--	--	--	--
30217	Dibromomethane, wu ug/l	19	--	--	--	--	--	--	--	--	--
34668	CFC-12, wu ug/l	19	--	--	--	--	--	--	--	--	--
34423	Dichloromethane, wu ug/l	19	--	--	--	--	--	--	--	--	--
34371	Ethylbenzene, wu ug/l	19	--	--	--	--	--	--	--	--	--
39702	Hexachlorobutadiene, wu ug/l	19	--	--	--	--	--	--	--	--	--
34396	Hexachloroethane, wu ug/l	3	--	--	--	--	--	--	--	--	--
77223	Isopropylbenzene, wu ug/l	19	--	--	--	--	--	--	--	--	--
34696	Naphthalene, wu ug/l	19	--	--	--	--	--	--	--	--	--
77342	n-Butylbenzene, wu ug/l	19	--	--	--	--	--	--	--	--	--
77224	n-Propylbenzene, wu ug/l	19	--	--	--	--	--	--	--	--	--
77350	sec-Butylbenzene, wu ug/l	19	--	--	--	--	--	--	--	--	--
77128	Styrene, wu ug/l	19	--	--	--	--	--	--	--	--	--
78032	MTBE, wu ug/l	19	--	--	--	--	--	--	--	--	--
77353	t-Butylbenzene, wu ug/l	19	--	--	--	--	--	--	--	--	--
34475	Tetrachloroethene, wu ug/l	19	--	--	--	--	--	--	--	--	--
32102	Tetrachloromethane, wu ug/l	19	--	--	--	--	--	--	--	--	--
34010	Toluene, wu ug/l	19	--	--	--	--	--	--	--	--	--
34546	trans-1,2-Dichloroethene, wu ug/l	19	--	--	--	--	--	--	--	--	--
34699	trans-1,3-Dichloropropene, wu ug/l	19	--	--	--	--	--	--	--	--	--
32104	Tribromomethane, wu ug/l	19	--	--	--	--	--	--	--	--	--
39180	Trichloroethene, wu ug/l	19	--	--	--	--	--	--	--	--	--
34488	CFC-11, wu ug/l	19	--	--	--	--	--	--	--	--	--
32106	Trichloromethane, wu ug/l	19	--	--	--	--	--	--	--	--	--
39175	Vinyl chloride, wu ug/l	19	--	--	--	--	--	--	--	--	--

* - VALUE IS ESTIMATED BY USING A LOG-PROBABILITY REGRESSION TO PREDICT THE VALUES OF DATA BELOW THE DETECTION LIMIT